

PLAN

For 6' Diameter Manhole an 8" precast slab is required.

Grout bottom of manhole to 1/2 diameter of pipe and slope 2" toward invert.

CASTING	A	B
R1642	27"	7"

Manhole steps shall be placed so that offset hole in top slab is facing downstream.

No block structures are allowed.

Neenah frame and cover or equal lettered, "Storm Sewer", with 2 concealed pick holes.

Minimum of 2 and maximum of 5 concrete adjustment rings with full bed of mortar between each.

1 ring with mortar = 0.2'. Concrete collar required on all adjusting rings.

6" precast reinforced concrete manhole slab with #4 bars at 5" o.c. each way and 2-#4 bars at all sides of opening.

Top of barrel section below top Slab to have flat top edge sealed with 2 beads of Ramnek or equal.

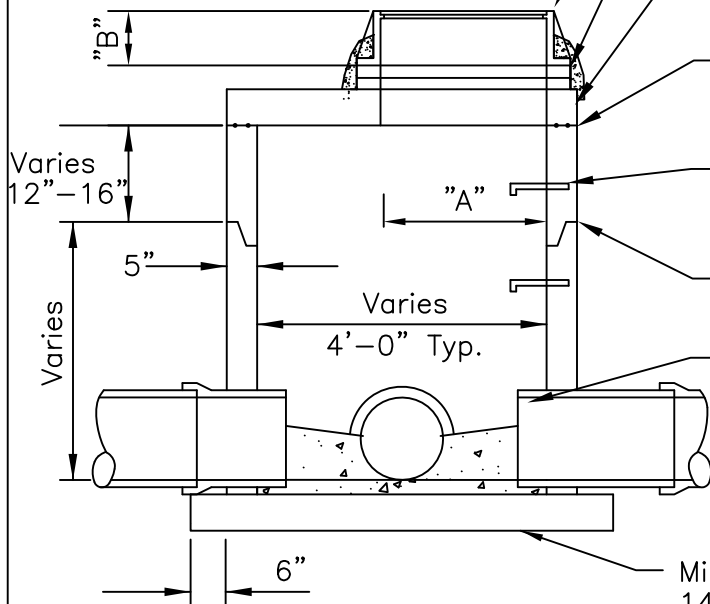
Manhole steps, Neenah R1981J or equal, 16" on center. Aluminum steps approved.

All joints in manhole to have "O" ring rubber gaskets.

Pipe shall be cut off 3" to 6" from inside face of wall.

Doghouses shall be grouted on both inside and outside.

Minimum slab thickness is 6" for structures 14' in depth or less. Increase thickness 1" for every 4' of depth greater than 14', and reinforce with 6" x 6" 10/10 mesh.



SECTION



## STANDARD DETAILS

STORM SEWER JUNCTION MANHOLE  
WITH REINFORCED TOP SLAB

FARMINGTON, MINNESOTA

Last Revision:

JAN 2012

City Plate No.

STO-03  
2017